

Title (en)

One-step process for the preparation of alcohols.

Title (de)

Verfahren zur Herstellung von Alkoholen (einstufig).

Title (fr)

Procédé de préparation d'alcools (en 1 étape).

Publication

EP 0421196 A1 19910410 (DE)

Application

EP 90118079 A 19900920

Priority

DE 3932332 A 19890928

Abstract (en)

The present invention relates to a process for preparing alcohols by reacting organic carbonyl compounds or mixtures containing organic carbonyl compounds with hydrogen at elevated temperature and, if necessary, at increased pressure using a supported catalyst containing nickel, aluminium oxide and zirconium dioxide. As carbonyl compounds, ketones, aldehydes and their derivatives are reacted at temperatures of 60 to 150 DEG C.

Abstract (de)

Die vorliegende Erfindung betrifft ein Verfahren zur Herstellung von Alkoholen durch Umsetzung organischer Carbonylverbindungen oder organische Carbonylverbindungen enthaltender Gemische mit Wasserstoff bei erhöhter Temperatur und gegebenenfalls erhöhtem Druck an einem Nickel, Aluminiumoxid und Zirkondioxid enthaltenden Trägerkatalysator. Als Carbonylverbindungen setzt man Ketone, Aldehyde sowie deren Derivate bei Temperaturen von 60 bis 150°C um.

IPC 1-7

C07C 29/141; C07C 29/145; C07C 31/125

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

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